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(71)Applicant : **MATSUSHITA ELECTRIC IND CO LTD**

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(54) TRANSMITTER-RECEIVER

(57)Abstract:

PROBLEM TO BE SOLVED: To obtain a transmitter-receiver that changes a transmission rate with a simple and small-scale hardware configuration and realizes continuous transmission power control even at a variable rate.

SOLUTION: An inverse spread section 105 applies inverse spread processing to a received signal for a prescribed integration period, a rate conversion section 106 changes a rate of the received signal after inverse spread processing by the software processing, a rate conversion section 117 changes a rate of a transmission base band signal in response to a data quantity to be sent, a spread section 118 conducts spread processing at a prescribed spread rate, a radio transmission section 119 decides a transmission power on the basis of a transmission power value at preceding transmission stored in a memory 120 and transmits a transmission signal that is spread-processed.

